

# 12 WEEK - STUDY PLAN

## (DATA SCIENCE ROADMAP)

### Week 1: Python Basics

- Watch (first 4 hours of this video): [Python Tutorial](#)
- Practice: Start basic Python exercises on [HackerRank](#).

### Week 2: Python Practice

- Practice: Continue solving Python problems on [HackerRank](#).

### Week 3: SQL Basics

- Watch: [SQL Tutorial](#)
- Practice: Start SQL exercises on [HackerRank](#).

### Week 4: SQL Practice

- Practice: Continue solving SQL problems on [HackerRank](#).

### Week 5: Data Visualization with Tableau

- Watch: [Data Visualization & Tableau Tutorial](#)

### Week 6: Practice Tableau

- Practice: Download your favorite dataset from [Kaggle](#) and create a dashboard using [Tableau Public](#).

### Week 7: Pandas Basics

- Watch: [Pandas Playlist](#)

### Week 8: Matplotlib Basics

- Watch: [Matplotlib Playlist](#)

### Week 9: Data Analytics Project

- Watch Section 1 of this video: [Data Analytics Project](#)
- Practice: Complete a project using Pandas and Matplotlib for data analysis.

### Week 10: Machine Learning with Python

- **Watch:** [Machine Learning with Python](#)

## **Week 11: Machine Learning Practice**

- **Practice:** Work on the Section 2 of this video [Machine Learning Project](#).

## **Week 12: Review and Advanced Topics**

- Use this week to review, prepare your resume using the projects that you've done & fill in gaps.

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